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- (54) Title  
**SYSTEM FOR ENHANCING NETWORKED ELECTRONICALLY MONITORED GAME MACHINES**
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- (71) Applicant(s)  
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- (74) Attorney or Agent  
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- (56) Prior Art Documents  
**GB 2149174**  
**US 4856787**  
**AU 33125/89 G07F 17/32 A63F 9/00**
- (57) Claim

1. A system comprising means to monitor the extent of play by each of a number of individuals on two or more electronically monitored game machines linked to the system during a discrete time interval and to allocate a point score to each individual related to the extent of play so monitored; a display adjacent each game machine to advise each individual of his or her point score for the time being; a points allocation control dedicated to each machine and adapted to facilitate the selection of a proportion of an individual player's point score and allocation of that proportion towards participation in a supplementary game; visual and/or audio means accessible by two or more individuals playing separate game machines and adapted to communicate information to each supplementary game player so as

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to facilitate playing of the supplementary game utilising the points  
allocated thereto by the points allocation controls.

AUSTRALIA  
Patents Act 1990

PATENT REQUEST : STANDARD PATENT

We, being the persons identified below as the applicant, request the grant of a patent to the person identified below as the Nominated Person, for an invention described in the standard complete specification.

Full application details follow.

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- (54) Invention Title; SYSTEM FOR ENHANCING NETWORKED ELECTRONICALLY MONITORED GAME MACHINES
- (72) Name(s) of actual inventors; Clive Davies  
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ASSOCIATED PROVISIONAL APPLICATIONS DETAILS

- (60) Application Numbers and Dates; PM3696 4th February 1994

BASIC CONVENTION APPLICATION DETAILS

- (31) Application No. (32) Country Code (33) Date of Application

DIVISIONAL APPLICATION DETAILS

- (62) Original application number  
Person by whom made

I am an opponent eligible person described in Section 33-36 of the Act.

(Complete if the specification relates to a microorganism)  
For the purposes of Section 40, the specification relies on Section 6 of the Act.

CREATIVE ARRANGEMENTS PTY LTD  
by their Patent Attorneys Barker,  
Blenkinship & Associates:

Julian Blenkinship

Dated: 19 August 1994

680920

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NOTICE OF ENTITLEMENT  
(To be filed before acceptance)

In support of the application for a Patent for an invention No 70382/94 entitled  
"SYSTEM FOR ENHANCING NETWORKED ELECTRONICALLY  
MONITORED GAME MACHINES"

I, CLIVE DAVIES, of Unit 25, 9 Hudson Avenue, CASTLE HILL NSW 2154  
Australia do solemnly and sincerely declare as follows:

Part 1 - Must be completed for all applicants

I am authorised by Creative Arrangements Pty Ltd the applicant for the Patent  
to make this declaration on its behalf

Part 1A - Must be completed for all applicants.

The person(s) nominated for the grant of the Patent has, for the following reasons,  
gained entitlement from the actual inventor(s):

The inventor devised the invention in the ordinary course of his duties as an  
employee of the applicant company.

Part 2 - Must be completed if the application is Associated with one or more  
provisional applications.

The person(s) nominated for the grant of the Patent is/are:

the applicant(s) of the provisional application(s) listed on the Patent request  
form.

(Signature)

(Date).

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COMPLETE SPECIFICATION  
FOR A STANDARD PATENT  
ORIGINAL

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TO BE COMPLETED BY APPLICANT

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Invention Title: SYSTEM FOR ENHANCING NETWORKED  
ELECTRONICALLY MONITORED GAME MACHINES

Details of Associated Provisional Application No: PM3696 4/2/94

The following statement is a full description of this invention, including the best method of performing it known to me:-

## SYSTEM FOR ENHANCING NETWORKED ELECTRONICALLY MONITORED GAME MACHINES

The present invention has particular application to casinos where a large number of game machines such as poker machines, slot machines, fruit machines, keno terminals and the like can be monitored by a central remote computer.

The central remote computer may monitor the extent of usage of each machine and furthermore, if a card reader is associated with each machine, may monitor the extent and nature of machine usage by any one cardholder. Such monitoring however does not enhance the enjoyment of the game playing by any particular individual.

It is accordingly an object of the present invention to add a further dimension to the games which may be played on individual game machines by the provision of a system which will facilitate the playing of a further game or games dependent upon an individual's playing of individual game machines and involving competition with individuals simultaneously playing on similar game machines.

According to the present invention there is provided a system comprising means to monitor the extent of play by each of a number of individuals on two or more electronically monitored game machines linked to the system during a discrete time interval and to allocate a point score to each individual related to the extent of play so monitored; a display adjacent



each game machine to advise each individual of his or her point score for the time being; a points allocation control dedicated to each machine and adapted to facilitate the selection of a proportion of an individual player's point score and allocation of that proportion towards participation in a supplementary game; visual and/or audio means accessible by two or more individuals playing separate game machines and adapted to communicate information to each supplementary game player so as to facilitate playing of the supplementary game utilising the points allocated thereto by the points allocation controls.

One example of the present invention will now be described with reference to the accompanying diagram being a schematic representation of one possible system in accordance with the present invention.

According to the diagram of figure I there are three poker machines 1, 2 and 3 each having a supplementary module 4. The supplementary module includes a liquid crystal display 5 a card reader 6 and a bid button 7.

The poker machines are linked by communication channels 8 to a host computer 9. Each poker machine is additionally provided with a "coin in" counter which is adapted to be read locally by the intelligence in



supplementary module 4 and also monitored remotely by computer 9 via communication channel 8. Card reader 6 may additionally be utilised by the player and if a card holding player has inserted a card in card reader 6 then this additional user information is also accessible by the host computer via communication channels 8.

Host computer 9 loads the supplementary module 4 with the rules for a game. Supplementary module 4 then allocates points to the player according to the rules of the game. These points may be in proportion to the coinage passed through the poker machine. The points awarded by supplementary module 4 may be displayed on liquid crystal screen 5 in order that the user may be aware of their points tally at any particular time.

Point scores may be intermittently downloaded to computer 9 for each player and be displayed on remote sign 10 or alternatively remote sign 10 may be utilised only to display the points tally of the leading player on each of the three machines in order that the players of the two other machines may be appraised of the gap between their points and that of the leader.

Supplementary module 4 is provided with audio speaker 11 to facilitate the running of a supplementary game



apart from the games being played on poker machines 1, 2 and 3. The game may for example be an auction of a case of wine or other desirable object. In order to participate in the auction the players of machines 1, 2 and 3 may utilise their accumulated points by pushing one of the three bid buttons 7. If an auction was being broadcast over loudspeaker 11 and for example the player on machine number 1 wished to respond to the auctioneer's call of "Do I hear ten points" then he would press one of his bid buttons 7. The system could be configured such that host computer 9 would not take notice of any bids from machines not having adequate accumulated points for the bid at hand. Once the prize had been won then the auctioneer via computer 9 could deduct points appropriate for the winning bid from the points total for the player concerned. The host computer would be configured so as to ignore bids received from individual machines which do not surpass the pre-existing highest bid

It should be appreciated that sign 10 may be utilised to display other messages or characters other than the leader's total of accumulated points for the time being. The identity of the machine from which the current highest bid has originated or alternatively the identity of the player from whom the highest bid has originated may be displayed on sign 10. For example if the supplementary game being played is an auction as abovementioned the sign 10 may display or identify a prize to be won in an auction. The sign may also display the top bid or bids received by the host



computer for the time being from individual game machines in respect of such auction.

It should also be appreciated that it is not necessary for a cardholding player to keep playing one machine in order to continue accumulating points during any particular session. Once a cardholder signed off a machine then his points total would remain constant until such time as he inserted his card in another machine and commenced playing another machine whereupon computer 9 would recognise that the same cardholder was involved and would commence crediting points from the new machine being played towards the cardholder's existing total.

Other games apart from auctions could be played utilising a system configured as abovementioned. Usage of a system as abovementioned not only enhances the user's excitement by offering a supplementary game apart from the game being played on the primary machine whereas the system furthermore encourages continuing usage of a variety of machines within the one establishment in order that points may be accumulated for use in relation to supplementary games.

The word "proportion" where used hereafter in relation to a player's score should be construed as including the whole or in other words one hundred percent of such score.



The claims defining the invention are as follows:

1. A system comprising means to monitor the extent of play by each of a number of individuals on two or more electronically monitored game machines linked to the system during a discrete time interval and to allocate a point score to each individual related to the extent of play so monitored; a display adjacent each game machine to advise each individual of his or her point score for the time being; a points allocation control dedicated to each machine and adapted to facilitate the selection of a proportion of an individual player's point score and allocation of that proportion towards participation in a supplementary game; visual and/or audio means accessible by two or more individuals playing separate game machines and adapted to communicate information to each supplementary game player so as to facilitate playing of the supplementary game utilising the points allocated thereto by the points allocation controls.



2. A system in accordance with claim 1 hereof wherein the audio and visual means accessible by two or more individuals playing separate game machines are provided with a visual display having alpha numeric display capabilities such display being under the control of a host computer comprising part of the system and controlling the parameters defining the supplementary game.
3. A system in accordance with claim 2 hereof wherein the supplementary game is an auction for a nominated prize and the visual display means is capable of displaying the nominated prize to be won in the auction together with the top bid or bids received by the host computer for the time being from the points allocation controls of individual game machines.
4. A system in accordance with claim 3 hereof wherein the host computer is configured so as to ignore bids received from individual machines which do not surpass the pre-existing highest bid displayed on the visual display means.



5. A system in accordance with claim 4 hereof wherein the host computer is configured so as to communicate to the visual display means the highest bid together with the identity of either the highest bidder or the game machine upon which the highest bidder is currently playing or both the identity of the game machine and the player.

DATED this 21st day of May 1997.

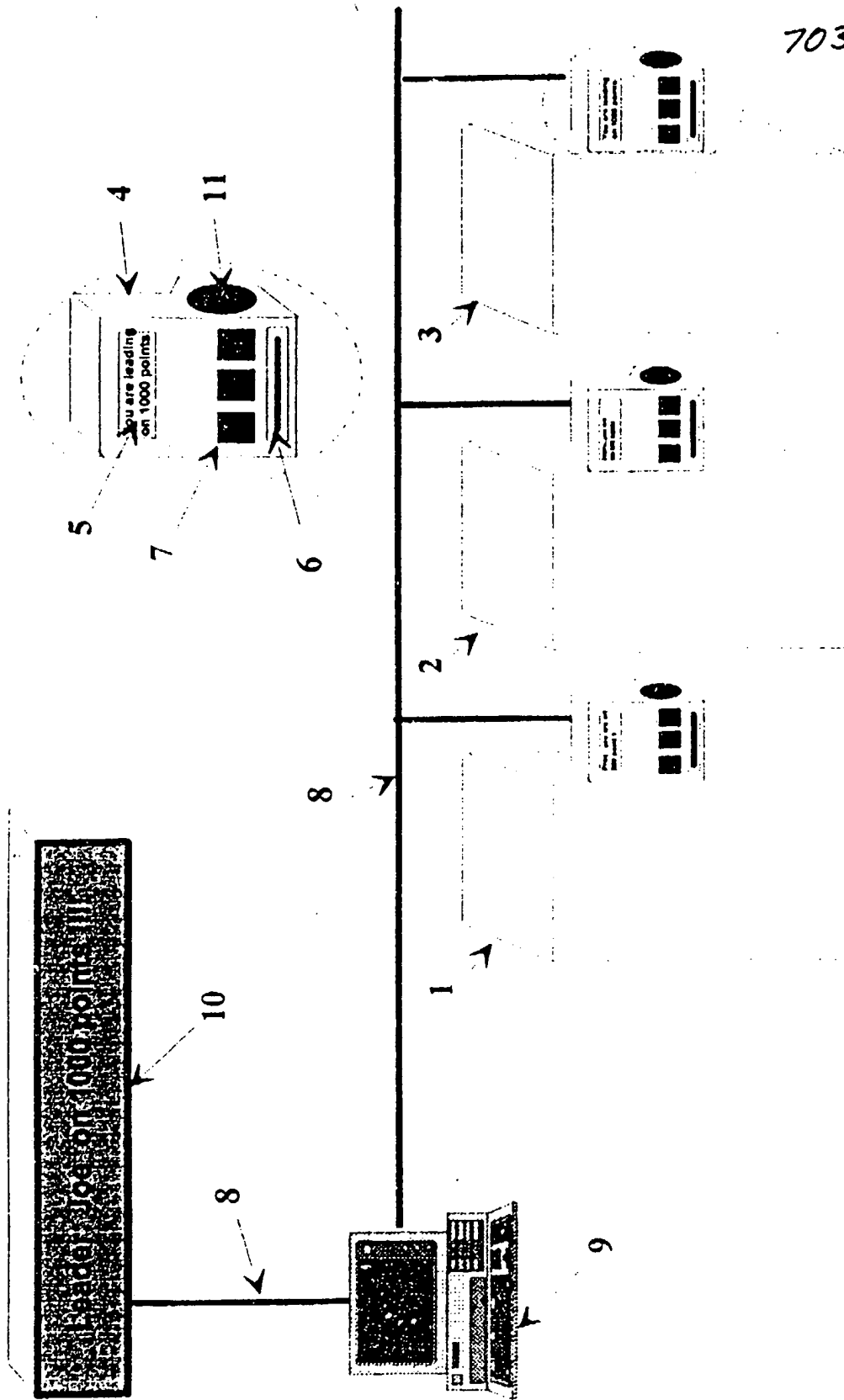
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## Figure 1